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TAB Q

"26. The cost of airfield construction to support combat air missions." (S)

STAG Comment: (TS) There are two airfields for high performance or transport aircraft now under construction. These are a 1,500,000 square foot facility at Da Nang East and a 3,000,000 square foot facility at Phan Rang. These two bases are of the expeditionary type, constructed of AM-2 aluminum matting with little or no ancillary facilities. The field at Phan Rang is being constructed by an Army Engineer Construction Battalion. The field at Da Nang East is being constructed by contract. One field was scheduled at Qui Nhon but subsequent information indicated that it has been cancelled.<sup>1</sup> In addition, two expeditionary type fields have been completed, one at Cam Ranh and one at Chu Lai. Inclosure 1 indicates cost details at each field. In addition to expeditionary airfield constructions there are continuing improvements at other air bases in SVN. These programs are under contract to civilian firms and generally are limited to expansion of taxiway and aprons although permanent runways are being constructed at Cam Ranh, Da Nang and Chu Lai. It is not known whether permanent runways will replace the aluminum runways at all of these installations. There is an indication that the expeditionary runway will remain at Chu Lai in addition to the permanent runway. The 4 facilities listed on Inclosure 1 will accommodate 292 aircraft (see Inclosure 2 for detailed breakout.) One hundred-fifty two aircraft are already located and 140 aircraft are scheduled to arrive after 1 January 1966.

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<sup>1</sup>CINCPAC Message 030418Z Nov 65 to JCS.

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INCLOSURE 1

Expeditionary Airfield Construction

Location	Size Facilities	Matting Requirements	Contractor or Engr Constr Bn	Matting Cost <sup>3</sup> (Millions of Dollars)	Construction <sup>4</sup> Cost (Millions of Dollars)	Ancillary Cost <sup>5</sup> (Millions of Dollars)	Trans <sup>6</sup> Cost	Total Cost	Revised <sup>7</sup> BOD
Da Nang E <sup>1</sup>	1,500,000 sq ft	1,500,000 sq ft	Contractor	6.225	Not computed	.750	.368	7.343	Mar 66
Chu Lai	1,500,000 sq ft	1,500,000 sq ft	Naval Constr Battalion	6.225	90 days 1.620	.750	.368	8.963	Jan 66
Cam Ranh <sup>2</sup>	3,000,000 sq ft	2,200,000	Contractor	9.130	Not computed	1.100	.523	10.753	Nov 65
Phan Rang <sup>2</sup>	3,000,000 sq ft	2,200,000	Engr Constr Bn	9.130	135 days 2.430	1.100	.523	13.183	Feb 66
TOTAL		7,400,000		30.710	4.050	3.700	1.782	40.242	

<sup>1</sup>Chu Lai expeditionary configuration 1,500,000 square foot runway, taxiways and aprons.

<sup>2</sup>Cam Ranh expeditionary configuration 3,000,000 square foot runway, taxiway and aprons.

<sup>3</sup>AM-2 matting cost \$4.15 per square foot.

<sup>4</sup>Construction Battalion Cost per day is estimated at \$18,000 for labor, equipment and operating costs.

<sup>5</sup>Ancillary costs for installing AM-2 matting are estimated at \$0.50 per square foot.

<sup>6</sup>Transportation costs are \$9 per MT port handling at San Francisco, \$33.80 per MT ocean freight and \$1.37 port handling at Saigon.

<sup>7</sup>Beneficial Occupancy Date.

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## INCLOSURE 2

Facility	Number of Squadrons	Scheduled Arrival Date	Total Aircraft
Cam Ranh	3 F-105/4C	Nov 65	54
	3 F-105/4C	Mar 66	54
Phan Rang	1 F-105/4C	Dec 65	18
	2 F-105/4C	Jan 66	36
Da Nang East	2 F-4/F-8	Feb 66	30
	1 A-4	Feb 66	20
Chu Lai	3 A-4	Aug 65	60
	1 A-4	Sep 65	<u>20</u>
TOTAL			292
152 in country as of this date			
140 in country after Jan 66			

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